

Paper #5

SHEET 1 of 4

Form PTO-1449 (Modified)



U.S. Department of Commerce
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Atty. Docket No.
29155/37272

Serial No.
09/929,328

Applicant
Ilya Raskin *et al.*

Filing Date
8/13/01

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INFORMATION DISCLOSURE STATEMENT

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U.S. PATENT DOCUMENTS

*Examiner Initials		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
VA	A1	4,002,459	01/11/77	Johnson <i>et al.</i>	71	88	
↑	A2	4,032,551	06/28/77	Willett <i>et al.</i>	260	412.4	
	A3	5,244,794	09/14/93	Prince <i>et al.</i>	435	113	
↓	A4	5,552,307	09/03/96	Kessler <i>et al.</i>	435	171	
VA	A5	5,580,768	12/03/96	Boffey <i>et al.</i>	435	172.3	

FOREIGN PATENT DOCUMENTS

*Examiner Initials		Document Number	Publication Date	Country	Class	Subclass	Translation	
							Yes	No
VA	B1	WO 91/02066	02/21/91	PCT				
VA	B2	WO 98/49267	11/05/98	PCT				

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VA	C1	Benhamou <i>et al.</i> , "Ultrastructural and cytochemical characterization of elicitor-induced structural responses in tomato root tissues infected by <i>Fusarium oxysporum</i> f.sp. <i>radicis-lycopersici</i> ," <i>Planta</i> , 197:89-102 (1995)
↑	C2	Carlin <i>et al.</i> , "Influence of Background Microflora on <i>Listeria Monocytogenes</i> on Minimally Processed Fresh Broad-Leaved Endive (<i>Cichorium endivia</i> var. <i>latifolia</i>)," <i>J. Food Protection</i> , 59(7):698-703 (1996)
	C3	Carrier <i>et al.</i> , "Formation of terpenoid products in <i>Ginkgo biloba</i> L. cultivated cells," <i>Plant Cell Reports</i> , 15:888-891 (1996)
	C4	Chakraborty <i>et al.</i> , "Accumulation of Antifungal Compounds in Tea Leaf Tissue Infected with <i>Biopolaris carbonum</i> ," <i>Folia Microbiol.</i> , 39(5):409-414 (1994)
	C5	Danley <i>et al.</i> , "Aflatoxin-induced alteration in the levels of membrane chemicals of subcellular organelles isolated from excised, incubated <i>Glycine max</i> , cv. 'Essex' roots," <i>Mycopathologia</i> , 74:149-161 (1981)
	C6	Gagnon <i>et al.</i> , "Effects of Various Elicitors on the Accumulation and Secretion of Isoflavonoids in White Lupin," <i>Phytochemistry</i> , 44(8):1463-1467 (1997)
	C7	Garcia <i>et al.</i> , "Chemical Basis of the Resistance of Barley Seeds to Pathogenic Fungi," <i>Phytochemistry</i> , 44(3):415-418 (1997)
	C8	Gleba <i>et al.</i> , "Use of plant roots for phytoremediation and molecular farming" <i>NAS Colloquium</i> , p. 1-9 (5-6 December 1998)
	C9	Grieve, "The Medicinal, Culinary, Cosmetic and Economic Properties, Cultivation and Folklore of Herbs, Grasses, Fungi, Shrubs and Trees With All Their Modern Scientific Uses," Lyele eds., <i>A Modern Herbal</i> , Barnes & Noble, Inc., Random House, pp. 464-465, 583-589, 660-661, revised (1973)
	C10	Gundlach <i>et al.</i> , "Jasmonic acid is a signal transducer in elicitor-induced plant cell cultures," <i>Proc. Nat'l. Acad. Sci. USA</i> , 89:2389-2393 (March 1992)
VA	C11	Gutierrez-Mellado <i>et al.</i> , "The Production of Coumarin Phytoalexins in Different Plant Organs of Sunflower (<i>Helianthus annuus</i> L.), <i>J. Plant Physiol.</i> , 149:261-266 (1996)

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VA	C12	Hoffman <i>et al.</i> , "Taxanes Exported From <i>Taxus x Media Hicksii</i> Cuttings Into Liquid Medium Over Time," <i>Phytochemistry</i> , 43(1):95-98 (1996)
↑	C13	Isogai <i>et al.</i> , "Mikomopine, an opine in Hairy Roots of Tobacco Induced by <i>Agrobacterium rhizogenes</i> ," <i>Phytochemistry</i> , 29(10):3131-3134 (1990)
	C14	Lauter, "Root-specific expression of the <i>LeRse-1</i> gene in tomato is induced by exposure of the shoot to light," <i>Mol. Gen. Genet.</i> , 252:751-754 (1996)
	C15	Lawson <i>et al.</i> , "Rhizobium Inoculation Induces Condition-dependent Changes in the Flavonoid Composition of Root Exudates from <i>Trifolium subterraneum</i> ," <i>Australian J. Plant Physiol</i> , 23:93-101 (1996)
	C16	Lee <i>et al.</i> , "Methyl Jasmonate Induces an O-Methyltransferase in Barley," <i>Plant Cell Physiol.</i> , 38(7):851-862 (1977)
	C17	Liu <i>et al.</i> , "Inducible Phytoalexins in Juvenile Soybean Genotypes Predict Soybean Looper Resistance in the Fully Developed Plants," <i>Plant Physiol.</i> , 100:1479-1485 (1992)
	C18	Longland <i>et al.</i> , "Arachidonic and Linoleic Acids Elicit Isoflavonoid Phytoalexin Accumulation in <i>Phaseolus Vulgaris</i> (French Bean)," <i>J. Phytopathol.</i> , 120(4):289-297 (1987)
	C19	Malajczuk <i>et al.</i> , "Root Exudates from <i>Eucalyptus calophylla</i> R.Br. and <i>Eucalyptus marginata</i> Donn. ex Sm. Seedlings and their Effect on <i>Phytophthora cinnamomi</i> Rands," <i>Aust. J. Bot.</i> , 25:501-14 (1977)
	C20	Norberg <i>et al.</i> , "Phase behaviour and molecular species composition of oat root plasma membrane lipids. Influence of induced dehydration tolerance," <i>Biochimica et Biophysica Acta</i> , 1112:52-56 (1992)
	C21	Peterson <i>et al.</i> , "An intermittent aeroponics system adaptable to root research," <i>Developments in Agricultural and managed-forest ecology</i> , 24:628-31 (1991)
VA	C22	Robertson <i>et al.</i> , "Developmental Responses to Drought and Absciscic Acid in Sunflower Roots," <i>J. Experimental Botany</i> , 41(224):325-337 (1990)

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✓A	C23	Stevens <i>et al.</i> , "The systematic and Evolutionary Significance of Exudate Flavonoids in <i>Aeonium</i> ," <i>Phytochemistry</i> , 39(4):805-813 (1995)
↑	C24	Sundaresan <i>et al.</i> , "Induction and accumulation of phytoalexins in cowpea roots infected with a mycorrhizal fungus <i>Glomus fasciculatum</i> and their resistance to Fusarium wilt disease," <i>J. Biosci.</i> , 18(2):291-301 (June 1993)
	C25	Svenningsson <i>et al.</i> , "Lipids, Carbohydrates and Amino Acids Exuded from the Axenic Roots of Rape Seedlings Exposed to Water Deficit Stress," <i>Plant, Cell and Environ.</i> , 13:155-162 (1990)
	C26	Trypsteen <i>et al.</i> , " <i>Agrobacterium rhizogenes</i> -mediated transformation of <i>Echinacea purpurea</i> ," <i>Plant Cell Reports</i> , 10:85-89 (1991)
	C27	Volpin <i>et al.</i> , "Inoculation with <i>Azospirillum</i> Increased Exudation of Rhizobial nod-Gene Inducers by Alfalfa Roots," <i>Molecular Plant-Microbe Interactions</i> 9(5):388-94 (1996)
	C28	Werner <i>et al.</i> , "The effects of Ca ²⁺ and Mg ²⁺ on accumulation and secretion of isoflavonoids by soybean roots," <i>Plant Science</i> , 72:181-191 (1990)
↓ ✓A	C29	Yukimune <i>et al.</i> , "Methyl jasmonate-induced overproduction of paclitaxel and baccatin III in <i>Taxus</i> cell suspension cultures," <i>Nature Biotechnology</i> , 14:1129-1132 (September 1996)
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duplicate	C31	International Preliminary Examination Report (for PCT/US98/08512) dated 30 July 1999

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